

L Number	Hits	Search Text	DB	Time stamp
-	4359	(signal speech voice data) near (detect detection recognition recognize) and frame and sample and threshold	USPAT	2003/11/06 10:11
-	386	(signal speech voice data) near (detect detection recognition recognize) and frame and sample and (threshold same valid)	USPAT	2003/11/04 10:43
-	167	(signal speech voice data) near (detect detection recognition recognize) and (frame same sample) and (threshold same valid)	USPAT	2003/11/04 11:13
-	22	(signal speech voice data) near (detect detection recognition recognize) and (frame same sample) and (threshold same valid) and 704/\$.ccls.	USPAT	2003/11/04 11:01
-	6	704/233.ccls. and (threshold same (valid validity)) and transform	USPAT	2003/11/04 11:02
-	129	(signal speech voice data) near (detect detection recognition recognize) and (frame same sample) and (threshold same valid) and program	USPAT	2003/11/06 10:14
-	0	(compostie near signal) and 704/\$.ccls. and (((spectrum spectral) near3 energy) same threshold)	USPAT	2003/11/06 10:15
-	0	(compostie near signal) and (((spectrum spectral) near3 energy) same threshold)	USPAT	2003/11/06 10:15
-	0	(compostie near3 signal) and (((spectrum spectral) near3 energy) same threshold)	USPAT	2003/11/06 10:15
-	3542	((accumulator ACC) same frame) (((spectrum spectral) near3 energy) same threshold)	USPAT	2003/11/06 10:16
-	5	((accumulator ACC) same frame) and (((spectrum spectral) near3 energy) same threshold)	USPAT	2003/11/06 10:18
-	10	((accumulator ACC) same frame) and (((spectrum spectral) near3 energy) or pitch) same threshold)	USPAT	2003/11/06 10:24
-	24	((accumulator ACC) same sample) and (((spectrum spectral) near3 energy) or pitch) same threshold)	USPAT	2003/11/06 10:32
-	24	((accumulator ACC accumulate cumulative adder) near4 (frame sample input data)) and (((spectrum spectral) near3 energy) or pitch) near3 threshold)	USPAT	2003/11/06 11:00
-	1154	((detect detection) near3 (speech voice audio) same (noise composite))	USPAT	2003/11/06 10:41
-	434	((detect detection) near3 (speech voice audio) near6 (noise composite))	USPAT	2003/11/06 10:42
-	4	((detect detection) near3 (speech voice audio) near6 (noise composite)) and (((spectral spectrum) near3 energy) near7 threshold)	USPAT	2003/11/06 10:48
-	0	VAD and (((spectral spectrum) near3 energy) near7 threshold) and ((validation validate) near6 range)	USPAT	2003/11/06 10:48
-	0	((spectral spectrum) near3 energy) near7 threshold) and ((validation validate) near6 range)	USPAT	2003/11/06 10:49
-	5	VAD and (((spectral spectrum) near3 energy) near7 threshold)	USPAT	2003/11/06 10:49
-	5598	((fram\$3 bloc\$5 sampl\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurrious echo ghost interlac\$4 static glitches)))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy"))	USPAT	2003/11/07 14:24

-	218	((fram\$3 bloc\$5 sampl\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurrious echo ghost interlac\$4 static glitches)))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy") with threshold)	USPAT	2003/11/07 16:09
-	18	((fram\$3 bloc\$5 sampl\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurrious echo ghost interlac\$4 static glitches)))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy")) and echo and (overlap with frame) and (computer application program\$3)	USPAT	2003/11/07 14:50
-	9	((fram\$3 bloc\$5 sampl\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurrious echo ghost interlac\$4 static glitches)))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy")) and echo and (overlapping with frame) and (computer program\$3)	USPAT	2003/11/07 15:48
-	6	((fram\$3 bloc\$5 sampl\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurrious echo ghost interlac\$4 static glitches)))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy")) and echo and (overlap\$4 with frame) and (computer program\$3) and (echo near3 detect\$5)	USPAT	2003/11/07 15:56
-	0	("narrow band noise") with (echo near3 detect\$5)	USPAT	2003/11/07 15:56
-	0	("narrow band noise") same (echo near3 detect\$5)	USPAT	2003/11/07 15:57
-	40	((fram\$3 bloc\$5 sampl\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurrious echo ghost interlac\$4 static glitches)))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy")) and (echo with detection)	USPAT	2003/11/07 16:09
-	25	((fram\$3 bloc\$5 sampl\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurrious echo ghost interlac\$4 static glitches)))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy")) and (echo with detection) and (computer)	USPAT	2003/11/07 16:12
-	1	((fram\$3 bloc\$5 sampl\$3) near4 ((composite total complete) or ((audio voice video telephony computer speech) with (noise error spurrious echo ghost interlac\$4 static glitches)))) and ((transform DCT FFT Fourier) with (product coefficient number data "spectral energy")) and ((echo near3 detection) same noise)	USPAT	2003/11/07 16:22
-	16	"echo detection" with noise	USPAT	2003/11/07 16:32

-	31	"echo detector" and (speech voice audio)	USPAT	2003/11/07 16:33
-	169	noise with (echo near3 (detect\$4))	USPAT	2003/11/07 16:45
-	20	"echo detection" same noise	USPAT	2003/11/07 16:48
-	32	(detect\$4 near2 echo) and (noise near2 cancel\$4) and speech	USPAT	2003/11/07 16:49
-	19	(echo near3 (detection detect cancel cancellation)) with ("signal to noise ratio" "signal-to-noise ratio" SNR)	USPAT	2003/11/10 09:35
-	0	VAD same ((echo near3 (detect detection)) with delay)	USPAT	2003/11/10 09:35
-	2	VAD and ((echo near3 (detect detection)) with delay)	USPAT	2003/11/10 09:36
-	2	704/\$.ccls. and ((echo near3 (detect detection)) with delay)	USPAT	2003/11/10 09:42
-	19	(speech voice) and ((echo near3 (detect detection)) with delay)	USPAT	2003/11/10 09:42